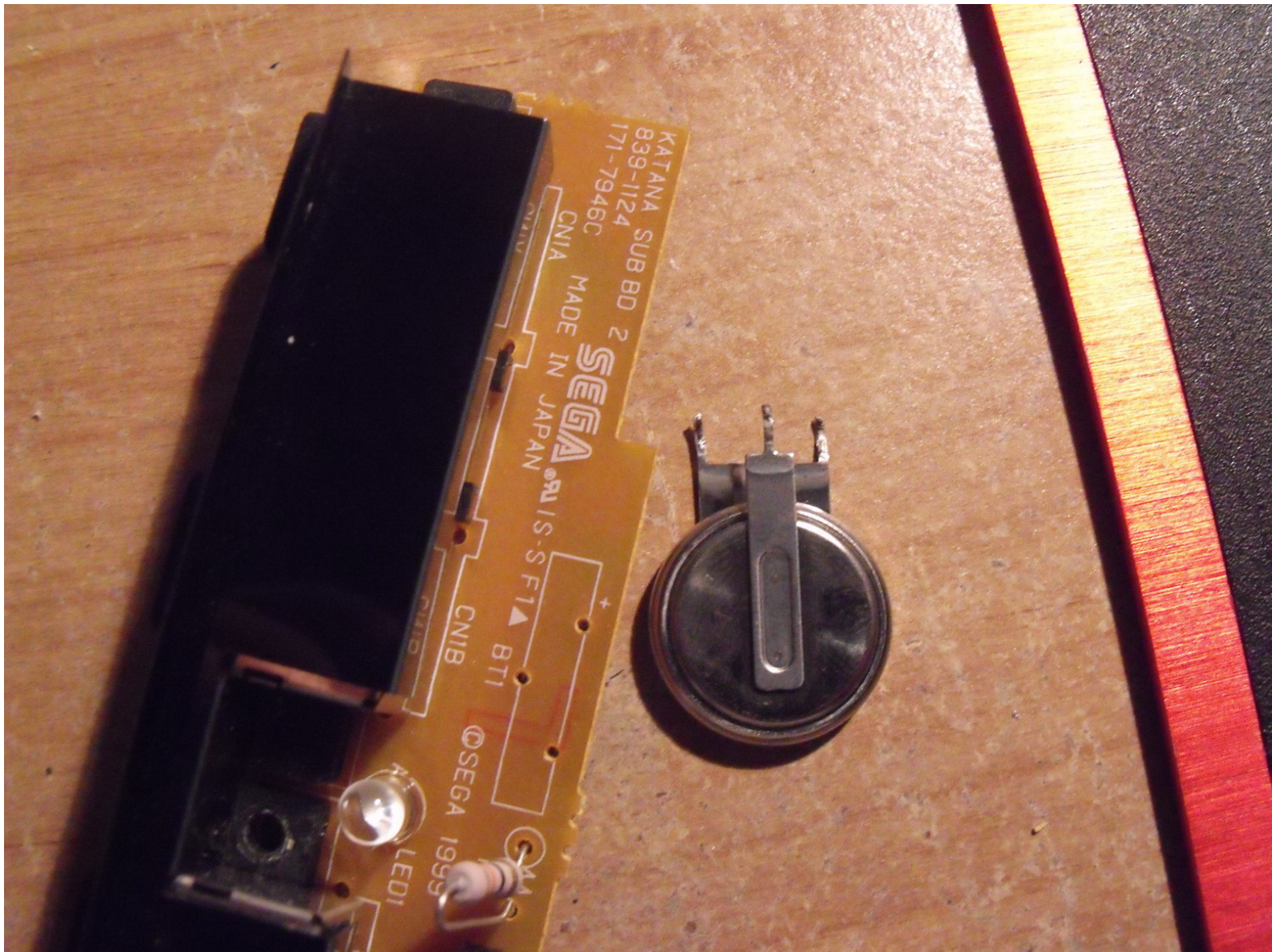




# Dreamcast CMOS Battery Replacement

Dreamcast clock always having to be reset? Time to replace your CMOS

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## INTRODUCTION

When a Dreamcast ask for time and date every time you power on your system, your CMOS battery is dead. This guide shows how to replace the CMOS battery.



### TOOLS:

- [Phillips #2 Screwdriver](#) (1)
- [Soldering Workstation](#) (1)
- [Safety Glasses](#) (1)
- [Digital Multimeter](#) (1)



### PARTS:

- [matching battery holder](#) (1)
- [wire, 22 to 26 gauge](#) (1)
- [Electric tape or electric shrink wrap](#) (1)
- [double-sided foam mounting tape](#) (1)
- [CR 2016 3V Lithium Batteries](#) (1)



## Step 1 — Top Cover



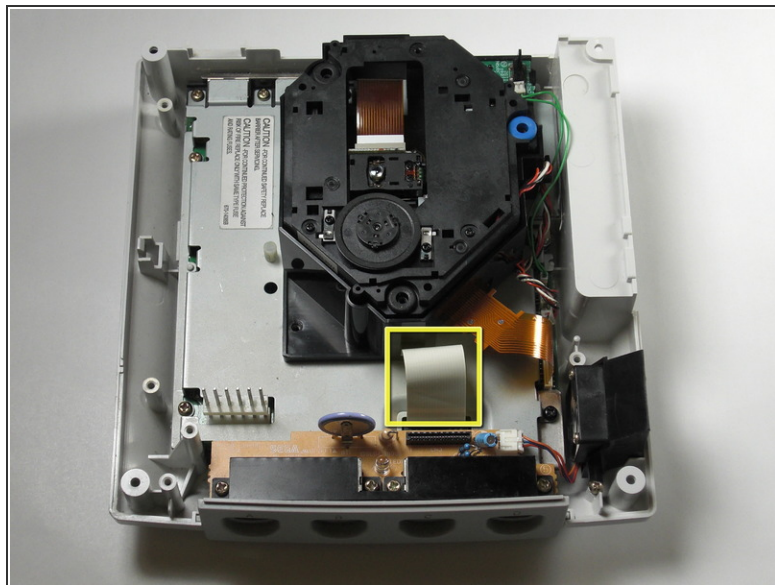
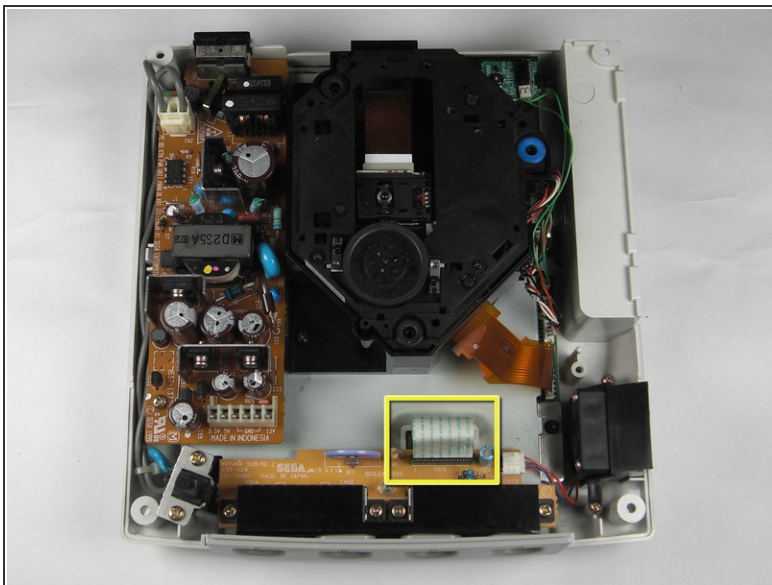
- **Locate and remove all four black 12mm Phillips #02 screws** from the underside of the console.
- ⓘ The fourth screw is hidden under the expansion bay if it has not already been removed.

## Step 2



- ⚠ Be careful that the internal components do not topple out.
- **Flip the console topside up.**
- **Remove the top cover** of the chassis by gently lifting the upper portion of the console.

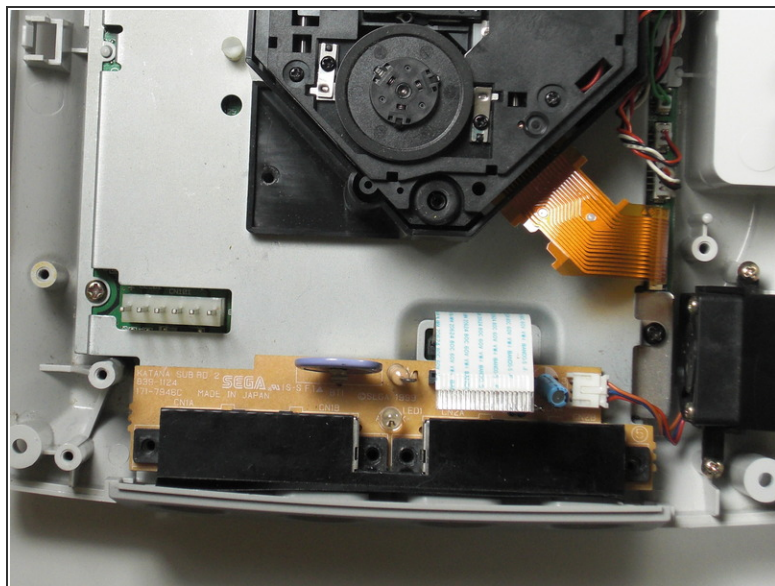
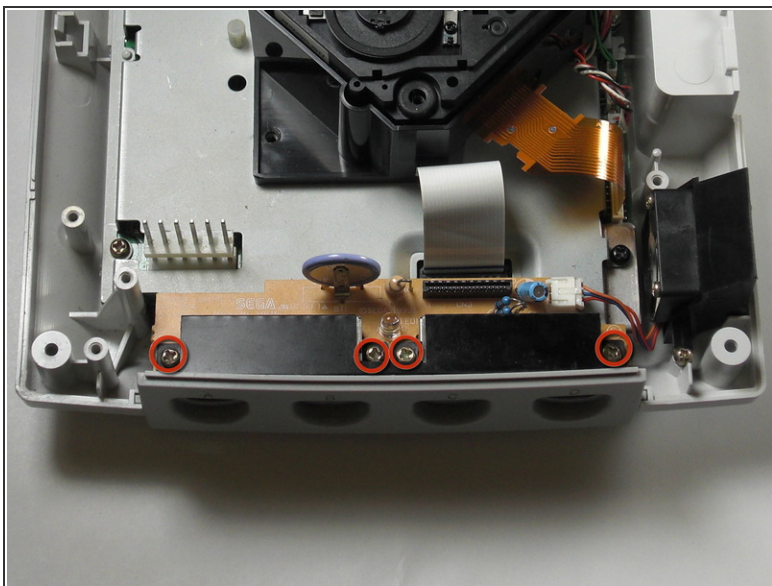
### Step 3 — Controller Port



⚠ Be gentle with the white controller cable as it can be a bit fragile.

- **Disconnect the white controller cable** by gently pulling the the cable while wiggling it back and forth until it detaches from the controller board.

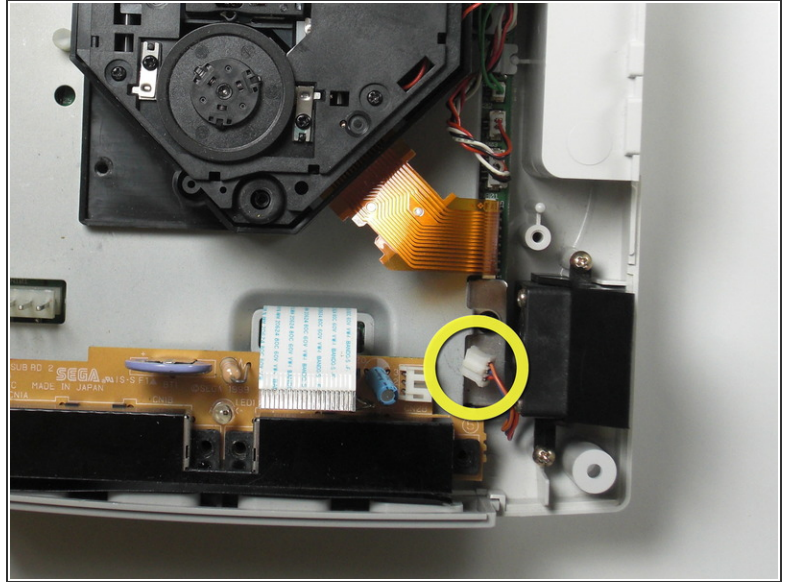
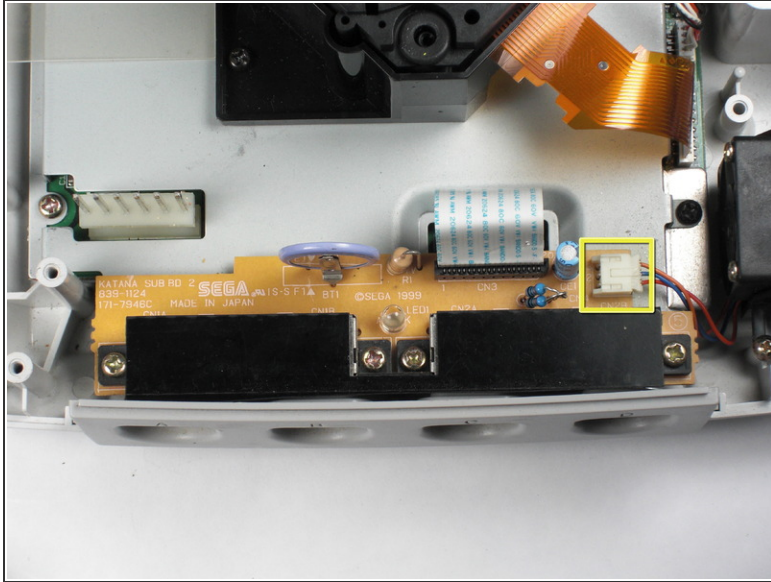
### Step 4



- **Remove the four 14mm Philips #02** located on the controller board.

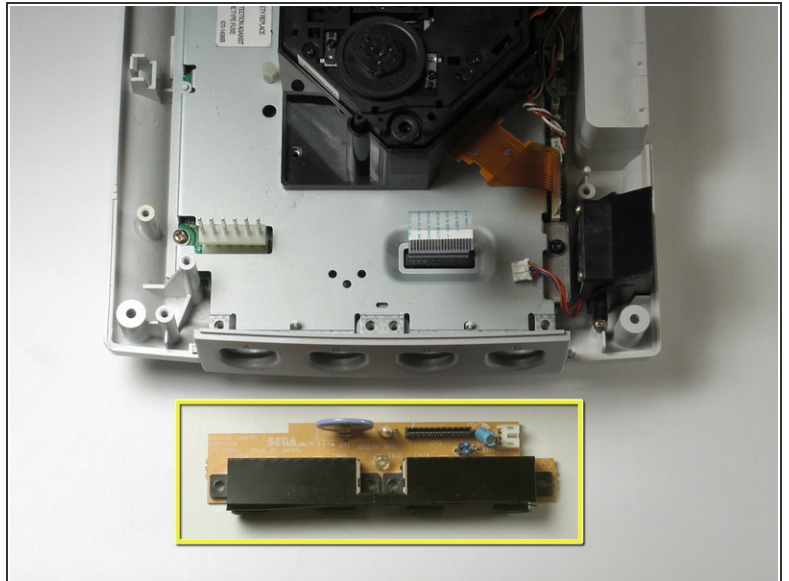


## Step 5



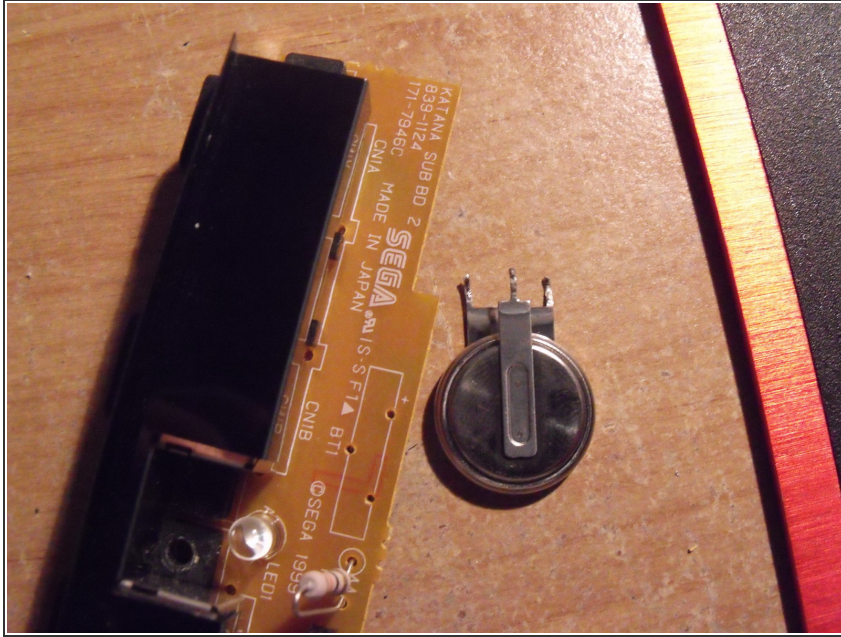
- **Disconnect the white fan header** from the controller port

## Step 6



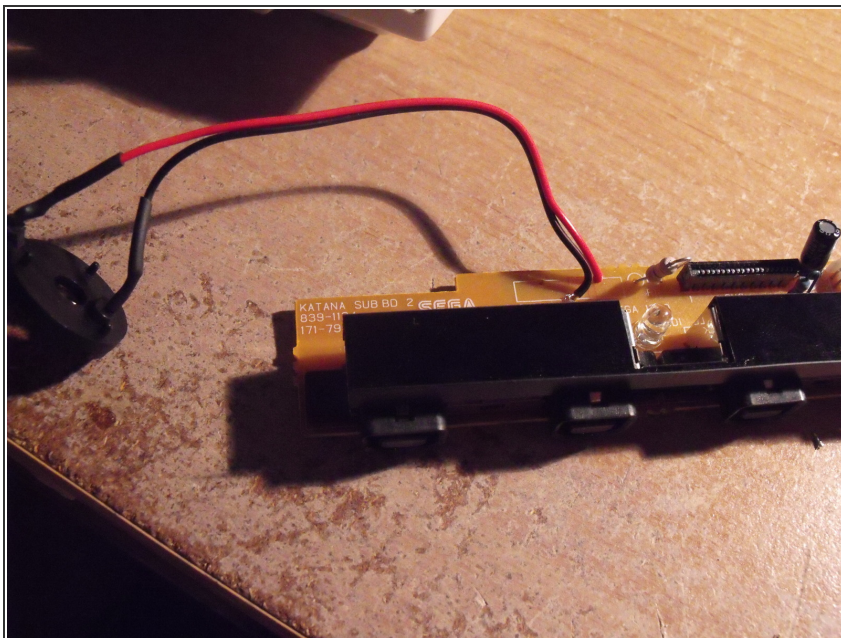
- **Remove the controller board** by lifting it up from the controller port.

## Step 7 — CMOS Battery



- De-solder the old CMOS battery from the controller board.
- Note where the positive and negative terminals went.

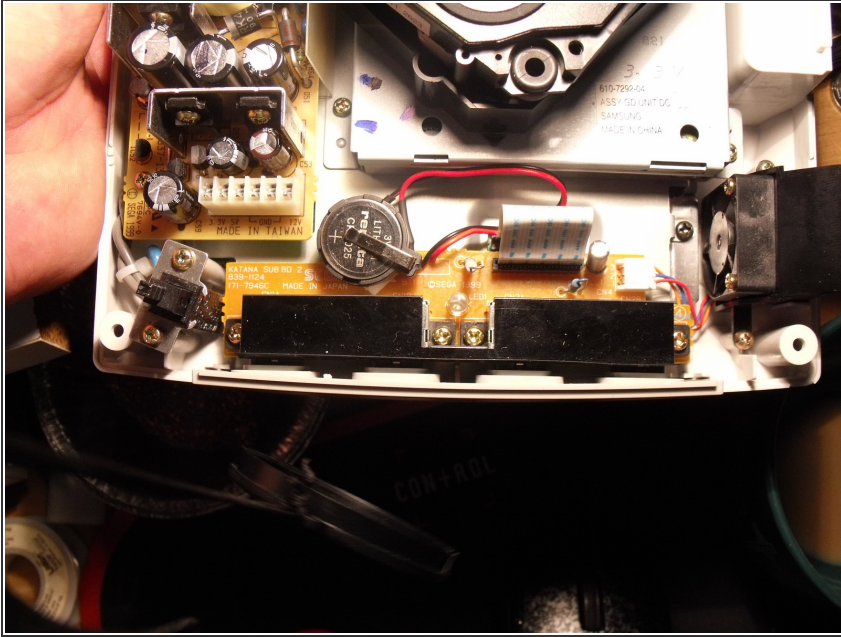
## Step 8



- Solder the new battery holder to some wire
- solder those wires to corresponding points on the controller board. Take note where the Positive and negative terminals went



## Step 9



- Reinsert the controller board.
- attach the battery holder inside with some self adhesive, such as double sided foam tape
- insert the battery into the battery holder
- reverse the disassembly directions to reassemble your Dreamcast.
- Once your Dreamcast is reassembled, go ahead and connect the Dreamcast to you TV or monitor and power, and reset the clock.

To reassemble your device, follow these instructions in reverse order.

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